

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 6-15-99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color. Fig(s) 1-103
 Color drawings are not acceptable until petition is granted.
 Pencil and non-black ink not permitted. Fig(s) 1-103
2. PHOTOGRAPHS. 37 CFR 1.84(b)
 1 full-tone set is required. Fig(s) 1-103
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) 1-103
 Poor quality (half-tone). Fig(s) 1-103
3. TYPE OF PAPER. 37 CFR 1.84(c)
 Paper not flexible, strong, white, and durable. Fig(s) 1-103
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-103
 Mylar, velum paper is not acceptable (too thin). Fig(s) 1-103
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size. Fig(s) 1-103
 Sheet(s) 1-103
 Drawings sheets not an acceptable size. Fig(s) 1-103
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 Margins not acceptable. Fig(s) 1-103
 Top (T) 1-103 Left (L) 1-103
 Right (R) 1-103 Bottom (B) 1-103
6. VIEWS. 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity. Fig(s) 1-103
 Views not labeled separately or properly. Fig(s) 1-103
 Enlarged view not labeled separately or properly. Fig(s) 1-103
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 Hatching not indicated for sectional portions of an object. Fig(s) 1-103
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 1-103
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
 Views do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) 1-103
9. SCALE. 37 CFR 1.84(k)
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 1-103
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-103
11. SHADING. 37 CFR 1.84(m)
 Solid black areas pale. Fig(s) 1-103
 Solid black shading not permitted. Fig(s) 1-103
 Shade lines, pale, rough and blurred. Fig(s) 1-103
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
 Numbers and reference characters not plain and legible. Fig(s) 1-103
 Figure legends are poor. Fig(s) 1-103
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) 1-103
 English alphabet not used. 37 CFR 1.84(p)(2)
 Fig(s) 1-103
 Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
 Fig(s) 1-103
13. LEAD LINES. 37 CFR 1.84(q)
 Lead lines cross each other. Fig(s) 1-103
 Lead lines missing. Fig(s) 1-103
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) 1-103
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) 1-103
16. CORRECTIONS. 37 CFR 1.84(w)
 Corrections not made from prior PTO-948 dated 1-103
17. DESIGN DRAWINGS. 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) 1-103
 Solid black shading not used for color contrast. Fig(s) 1-103

COMMENTS

REVIEWER Jc

DATE 9-22-99

TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. 5